

WMAP Cosmological Parameters

Model: wcdm+mnu

Data: wmap9+spt+act+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.460 \pm 0.091$	$H_0$	$71.9 \pm 1.9 \text{ km/s/Mpc}$
$A_{\text{clustered}}$	$< 11 \text{ (95\% CL)}$	$A_{\text{Poisson}}^{\text{ACT}}$	$14.6 \pm 2.4$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16 \text{ (95\% CL)}$	$\ell(\ell+1)C_{220}/(2\pi)$	$5753 \pm 33 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14207 \pm 91 \text{ Mpc}$	$d_A(z_*)$	$14042 \pm 92 \text{ Mpc}$
$D_v(z=0.57)/r_s(z_d)$	$13.39_{-0.34}^{+0.35}$	$\eta$	$(6.07 \pm 0.10) \times 10^{-10}$
$k_{\text{eq}}$	$0.00991 \pm 0.00025$	$\ell_{\text{eq}}$	$139.1 \pm 2.7$
$\ell_*$	$301.99 \pm 0.41$	$\sum m_\nu$	$< 0.80 \text{ eV (95\% CL)}$
$n_b$	$(2.493_{-0.042}^{+0.043}) \times 10^{-7} \text{ cm}^{-3}$	$n_s$	$0.962 \pm 0.010$
$\Omega_b$	$0.0431 \pm 0.0022$	$\Omega_b h^2$	$0.02220 \pm 0.00038$
$\Omega_c$	$0.220 \pm 0.015$	$\Omega_c h^2$	$0.1134_{-0.0035}^{+0.0036}$
$\Omega_\Lambda$	$0.729 \pm 0.021$	$\Omega_m$	$0.271 \pm 0.021$
$\Omega_m h^2$	$0.1393_{-0.0048}^{+0.0049}$	$\Omega_\nu h^2$	$< 0.0086 \text{ (95\% CL)}$
$r_s(z_d)$	$152.74_{-1.00}^{+0.99} \text{ Mpc}$	$r_s(z_d)/D_v(z=0.106)$	$0.3520_{-0.0101}^{+0.0100}$
$r_s(z_d)/D_v(z=0.2)$	$0.1905_{-0.0054}^{+0.0053}$	$r_s(z_d)/D_v(z=0.35)$	$0.1134_{-0.0032}^{+0.0031}$
$r_s(z_d)/D_v(z=0.44)$	$0.0927 \pm 0.0025$	$r_s(z_d)/D_v(z=0.54)$	$0.0781_{-0.0021}^{+0.0020}$
$r_s(z_d)/D_v(z=0.57)$	$0.0747 \pm 0.0019$	$r_s(z_d)/D_v(z=0.6)$	$0.0717 \pm 0.0018$
$r_s(z_d)/D_v(z=0.73)$	$0.0617_{-0.0015}^{+0.0014}$	$r_s(z_*)$	$146.08_{-0.93}^{+0.92}$
$R$	$1.748_{-0.021}^{+0.022}$	$\sigma_8$	$0.781_{-0.045}^{+0.044}$
$\sigma_8 \Omega_m^{0.5}$	$0.405 \pm 0.021$	$\sigma_8 \Omega_m^{0.6}$	$0.356 \pm 0.019$
$\alpha_{\text{SNLS}}$	$1.44 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.27 \pm 0.11$
$A_{\text{SZ}}$	$< 1.1 \text{ (95\% CL)}$	$t_0$	$13.84_{-0.13}^{+0.14} \text{ Gyr}$
$\tau$	$0.086 \pm 0.013$	$\theta_*$	$0.010403 \pm 0.000014$
$\theta_*$	$0.59604 \pm 0.00081^\circ$	$\tau_{\text{rec}}$	$284.0 \pm 1.9$
$t_{\text{reion}}$	$453_{-65}^{+63} \text{ Myr}$	$t_*$	$376253_{-3410}^{+3397} \text{ yr}$
$w$	$-1.17 \pm 0.10$	$z_d$	$1019.67 \pm 0.83$
$z_{\text{eq}}$	$3247 \pm 82$	$z_{\text{rec}}$	$1088.63 \pm 0.70$
$z_{\text{reion}}$	$10.5 \pm 1.1$	$z_*$	$1091.52_{-0.70}^{+0.68}$